To:

Technology Unit: 2651

Facsimile Number: 703-872-9306

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W. Daniel Swayze, Jr.

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|--|--------------------|---|
| NAME OF INVENTOR(S): Ngo | | RECEIPT DATE & SERIAL NO.: |
| | | Serial No.: 10/002,193 |
| TITLE OF INVENTION: | | Filing Date: 10/19/2001 |
| METHOD TO INCREASE HEAD VOLTAGE | | |
| SWING AND TO REDUCE THE RISE TIME | | |
| OF WRITE DRIVER | | |
| TI FILE NO.: | DEPOSIT ACCT, NO.: | |
| TI-31786 | 20-0668 | |
| FAXED: 11-8-04 | | |
| DUE: 11/12/2004 ' ATTY/SECY: WDS/Ile | | |
| The state of the s | | |

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Texas Instruments Incorporated PO Box 655474, M/S 3999 Dailas, TX 75265

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Ngo

Docket No: TI-31786

Serial No:

10/002,193

Examiner:

Kapadia, Varsha A.

Filed:

12:00:00 AM

Art Unit:

2651

For:

METHOD TO INCREASE HEAD VOLTAGE SWING AND TO REDUCE THE RISE

TIME OF WRITE DRIVER

Assistant Commissioner for Patents

Washington, DC 20231

Dear Sir:

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Trademark Office at 703-872-9306 on

Tommie Chambers

Transmitted herewith is an amendment in this application.

The fee has been calculated as shown below.

| | | CLA | AIMS AS AMEND | DED | | |
|-----------------|---|-------|---|------------------|----------|-------------------|
| - | Claims Remaining After Amendment | | Highest Number Previously Paid For | Present Extra | Rate | Additional Fee |
| Total Claims | 20 | Minus | 24 | 0 | x \$18 = | \$ 0 |
| Ind. Claims | 6 | Minus | 3 | 0 | x \$88 = | \$ 264 |
| | \$ 264 | | | | | |

Under 37 C.F.R. § 1.16(k) please charge the total additional fee, and any further fees, or credit overpayment to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. This form is submitted in duplicate.

Respectfully submitted,

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265 (972) 917-5633 W. Danie Swayze, Jr. Reg. No. 34,478

Attorney for Applicant

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Ngo

Docket No:

TI-31786

Serial No:

10/002,193

Examiner:

Kapadia, Varsha A.

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2651

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METHOD TO INCREASE HEAD VOLTAGE SWING AND TO REDUCE

THE RISE TIME OF WRITE DRIVER

AMENDMENT UNDER 37 C.F.R. § 1.115

Assistant Commissioner For Patents Washington, DC 20231

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Office at 703-872-9306 on

Tomprie Chambers

Dear Sir:

Responsive to the Office Action mailed August 12, 2204 in connection with the above identified application, Applicants respectfully submit the following amendments and remarks.